

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	100	("FRIEDLI, PAUL" or "GAUSSMANN, ANDREAS")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 09:38
L2	2592	"INVENTIO AG"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 09:38
L3	0	I2 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))) with "elevator")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 09:42
L4	1	I1 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))) with "elevator")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 09:42
L5	1	(((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))) with "elevator")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 09:43
L6	1	(((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("elevator" or ("mov\$3" adj "object")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 09:44
L7	2269	((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:40
L8	28	I7 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or ("portable" adj "device")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:41
L9	1124	340/500	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:40
L10	1	I9 and ((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:42
L11	0	I9 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or ("portable" adj "device")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:42

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L12	165	340/10.31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:41
L13	2	l12 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:44
L14	1	l13 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or ("portable" adj "device"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:44
L15	197	340/5.21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:44
L16	6	l15 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:46
L17	1	l16 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or ("portable" adj "device"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:44
L18	1	l16 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:46
L19	455	340/5.64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:45
L20	1	l19 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:48
L21	0	l19 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:48
L22	327	342/30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:48

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L23	0	I22 and ((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:49
L24	0	I22 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:49
L25	1461	342/42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:49
L26	4	I25 and ((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:50
L27	0	I26 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:50
L28	1777	713/182	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:50
L29	51	I28 and ((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:52
L30	3	I29 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:52
L31	922	713/185	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:52
L32	35	I31 and ((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:53
L33	1	I32 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device")))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:54

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L34	1205	713/186	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:53
L35	32	I34 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:55
L36	1	I35 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:56
L37	320	726/9.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:55
L38	16	I37 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:56
L39	1	I38 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:57
L40	1523	380/277	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:56
L41	60	I40 and (((generat\$3 or creat\$3 or establish\$3) with (authenticat\$3 adj ("code" or "signal"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 10:56
L42	1	I41 and (((detect\$3 or check\$3) with (authenticat\$3 adj ("code" or "signal")))) with ("smartcard" or "card" or "transponder" or ("portable" adj "device"))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 11:01
L43	49	("701631" or "5757521")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 11:03
L44	32	("7016311" or "5757521")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 11:03

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L45	9	"6354120"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/26 11:10
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authentication signal with smartcard transponder

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## Patents

Patents 1 - 10 on authentication signal with smartcard transponder. (0.16 seconds)

### Identity authentication device

US Pat. 6970583 - Filed May 25, 2001

The **transponder** responds to a radio **signal** by emitting its own radio **signal**. ...  
When the reference print is stored 60 inside the identity **authentication** ...

### Vehicle locking system

US Pat. 6354120 - Filed Jun 7, 2000 - Robert Bosch GmbH

An electronic lock device of the assembly is responsive to the **authentication**  
**signal** for generating a lock release **signal** to release a lock mechanism of the ...

### Authentication using a read-once memory

US Pat. 7059533 - Filed Apr 11, 2003 - Koninklijke Philips Electronics N.V.

This **transponder**, per se known by the skilled person, can be operated without a  
... Further on, use of a **smartcard** that has been probed will be traced ...

### Pen-based transponder identity verification system

US Pat. 6925565 - Filed May 25, 2001 - Pen-One, Inc

The comparison of the PREFERRED EMBODIMENTS 65 **authentication** preferably occurs  
in the **transponder**. One Referring now to the drawings, FIG. ...

### Speedup for monetary transactions using a transponder in conjunction with a smartcard

US Pat. 5602919 - Filed Aug 18, 1995 - Texas Instruments Incorporated

In one embodiment the entire value stored within the **smartcard** 66 may be ...  
this time the **transponder** 14 will respond to an interrogation **signal** from the ...

### Multiple protocol transponder

US Pat. 7016311 - Filed Apr 9, 2001 - Mark IV Industries Limited

In such a case, it is convenient to reference the **transponder** by a single unique  
identity ... the Smart Card Cash Balance, perform a mutual **authentication** ...

### Procedure for increasing the manipulation security for a bi-directional contactless data ...

US Pat. 6842493 - Filed Dec 11, 2000 - Atmel Germany GmbH

The 25 complete identification process for the **transponder** or base units is  
designated as **authentication**. If the **transponder** does not have its own power ...

### Transaction accounting of toll transactions in transponder systems

US Pat. 6725202 - Filed Oct 11, 2000 - Texas Instruments Incorporated

The **smartcard** may now be removed from the **transponder** 14 at block 126. ...  
frequency modulation might be effected to avoid cross-signal interference. ...

### Dual mode proximity and in-range smart card data transaction system

US Pat. 6202927 - Filed Jun 9, 1998 - On Track Innovations Ltd.

This is acceptable for passive systems wherein a moveable **transponder** is ...

data communication with a remote antenna so as to receive a signal therefrom, ...

System and method for digital electronic cinema delivery

US Pat. 6141530 - Filed Jun 15, 1998 - Digital Electronic Cinema, Inc.

If the uplink **signal** uses an entire **transponder**, a **transponder** with automatic level  
... the cinema/data file access data with an **authentication** signature; ...

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authentication signal with smartcard transpon 

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